

FIGURE 2A

Query: 1 AGGCCGTGCCTATCCAGAAAGTCCAGGATGACACCAAAACCCTCATCAAGACAATTGTCA 60
 Sbjct: 59 AAGCTGTGCCCATCCAAAAAGTCCAAGATGACACCAAAACCCTCATCAAGACAATTGTCA 118
 Query: 61 CCAGGATCAATGACATCTCACACACGCAGTCCGTCTCCTCCAAACAGAGGGTCACTGGTT 120
 Sbjct: 119 CCAGGATCAATGACATTTACACACGCAGTCAGTCTCCTCCAAACAGAAAGTCACCGGTT 178
 Query: 121 TGGACTTCATCCCTGGGCTCCACCCTCTCCTGAGTTTGTCCAAGATGGACCAGACATTGG 180
 Sbjct: 179 TGGACTTCATTCTGGGCTCCACCCCATCCTGACCTTATCCAAGATGGACCAGACACTGG 238
 Query: 181 CGATCTACCAACAGATCCTCACCAGTCTGCCTTCCAGAAATGTGGTCCAAATATCCAATG 240
 Sbjct: 239 CAGTCTACCAACAGATCCTCACCAGTATGCCTTCCAGAAACGTGATCCAAATATCCAACG 298
 Query: 241 ACCTGGAGAACCTCCGGGACCTTCTCCACCTGCTGGCCGCCTCCAAGAGCTGCCCCCTTGC 300
 Sbjct: 299 ACCTGGAGAACCTCCGGGATCTTCTTCACGTGCTGGCCTTCTCTAAGAGCTGCCACTTGC 358
 Query: 301 CGCAGGTCAGGGCCCTGGAGAGCTTGGAGAGCTTGGTGTGTCGTCCTGGAAGCCTCCCTCT 360
 Sbjct: 359 CCTGGGCCAGTGGCCTGGAGACCTTGGACAGCCTGGGGGGTGTCTGGAAGCTTCAGGCT 418
 Query: 361 ACTCCACCGAGGTGGTGGCCCTGAGCCGGCTGCAGGGGTCACTACAGGACATGTTGCGGC 420
 Sbjct: 419 ACTCCACAGAGGTGGTGGCCCTGAGCAGGCTGCAGGGGTCTCTGCAGGACATGCTGTGGC 478
 Query: 421 AGCTGGACCTCAGCCCTGAATGCAG 445
 Sbjct: 479 AGCTGGACCTCAGCCCTGGGTGCTG 503

Query = bovine leptin cDNA
 Sbjct = human leptin cDNA

[illegible]

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Query = bovine leptin cDNA
Sbjct = murine leptin cDNA
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1. *For the first time, the U.S. has a*
majority of the population that is
non-white.
 2. *The U.S. has a higher percentage of*
the population that is non-white than
any other major country in the world.
 3. *The U.S. has a higher percentage of*
the population that is non-white than
any other major country in the world.
 4. *The U.S. has a higher percentage of*
the population that is non-white than
any other major country in the world.
 5. *The U.S. has a higher percentage of*
the population that is non-white than
any other major country in the world.
 6. *The U.S. has a higher percentage of*
the population that is non-white than
any other major country in the world.
 7. *The U.S. has a higher percentage of*
the population that is non-white than
any other major country in the world.
 8. *The U.S. has a higher percentage of*
the population that is non-white than
any other major country in the world.
 9. *The U.S. has a higher percentage of*
the population that is non-white than
any other major country in the world.
 10. *The U.S. has a higher percentage of*
the population that is non-white than
any other major country in the world.

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                                10      20      30      39
Clconl                      VPIQKVQDDTKTLIKTIVTRINDISHTQSVSSKQRVTGL
                               |||||
Ob_Hum MHWGTLCGFLWLWPYLFYVQAVPIQKVQDDTKTLIKTIVTRINDISHTQSVSSKQKVTGL
                        10      20      30      40      50      60

        40      50      60      70      80      90      99
Clconl DFIPGLHPLLSSLKMDQTLAIYQQILTSLSRNVVQISNDLENLRDLLHLLAASKSCPLP
       |||||:::|||||:::|||||:::|||||:::|||||:::|||||:::|||||
Ob_Hum DFIPGLHPILTSLKMDQTLAVYQQILTSMPSRNVIQISNDLENLRDLLHVLAFSKSCHLP
                        70      80      90      100     110     120

        100     110     120     130     140
Clconl QVRALESLESLGVVLEASLYSTEVALSRLQGSLQDMLRQLDLSPEC
       ::|||:::|||||:::|||||:::|||||:::|||||
Ob_Hum WASGLETLDSLGGVLEASGYSTEVALSRLQGSLQDMLWQLDLSPGC
                        130     140     150     160

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Clcon1 = predicted bovine leptin amino acid sequence
Ob Hum = human leptin amino acid sequence

[illegible]

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Clconl      VPIQKVQDDTKTLIKTIVTRINDISHTQSVS10203039SKQRVTGL
            |||
Ob_Mou MCWRPLCRFLWLWSYLSYVQAVPIQKVQDDTKTLIKTIVTRINDISHTQS102030405060VSAKQRVTGL
            |||
Clconl      DFIPGLHPLL40506070809099SLSKMDQTLAIYQQILTSLPSRNVVQISNDLENLRDLLHLLAASKSCPLP
            |||
Ob_Mou      DFIPGLHPILSLSKMDQTLAVYQQVLTS708090100110120LPSQNVLQIANDLENLRDLLHLLAFSKSCSLP
            |||
Clconl      QVRALESLESLGVVLEASLYSTE100110120130140VVALSRLQGSLQDMLRQLDLSPEC
            |:::|
Ob_Mou      QTSGLQKPESLDGVLEASLYSTE130140150160VVALSRLQGSLQDILQQLDVSPEC
            |||

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Clcon1 = predicted bovine leptin amino acid sequence
Ob Mou = murine leptin amino acid sequence

[illegible]

Sbjct: 22 VPIQKVQDDTKTLIKTIVTRINDISHTQSV 51

[illegible]

Sbjct: 22 VPIQKVQDDTKTLIKTIVTRINDISHTQSV 51